## Index of Claims

Application/Control No.

Alexander D. Gilman

Applicant(s)/Patent under Reexamination

10/577,515 Examiner BIGOTTO, PIER CARLO
Art Unit

2833

√ Rejected
= Allowed

(Through numeral)
Cancelled

N Non-Elected
I Interference

A Appeal
O Objected

|       |          | _        |               | _       |              | J       |          | ш        | _        |          |           |         |         | J        | L        |         |          |          |          | ı          | _             |         |         |          |               |         |              |
|-------|----------|----------|---------------|---------|--------------|---------|----------|----------|----------|----------|-----------|---------|---------|----------|----------|---------|----------|----------|----------|------------|---------------|---------|---------|----------|---------------|---------|--------------|
| Cla   | im       |          |               |         | Dat          | te      |          |          | 7        | Cla      | aim       |         |         | С        | ate      |         |          | $\neg$   | Cla      | aim        |               |         |         | Date     | _             |         |              |
|       | _        | Ι.       |               | Т       | Ť            | Ϊ       | Т        | П        | 7        |          |           | Т       | $\top$  | ΤĪ       | Ť        | Т       | П        | _        |          |            | Т             | Т       | T       | П        | Т             | 7       | П            |
| Final | Original | 7/29/08  |               |         |              |         |          |          |          | Final    | Original  |         |         |          |          |         |          |          | Final    | Original   |               |         |         |          |               |         |              |
| _     | 1        | =        | $\vdash$      | +       | +            | +       | +        | H        | $\dashv$ | $\vdash$ | 51        | +       | +       | $\vdash$ | +        | +       | +        | $\dashv$ | $\vdash$ | 101        | +             | +       | +       | Н        | +             | +       | Н            |
|       | 2        | Ē        | $\vdash$      | +       | +            | +       | +        | Н        | $\dashv$ | $\vdash$ | 52        | +       | +       | Н        | +        | +       | Н        | $\dashv$ | $\vdash$ | 102        | $^{+}$        | +       | +       | Н        | +             | +       | Н            |
|       | 3        | =        | $\vdash$      | +       | $^{+}$       | +       | $\vdash$ | $\vdash$ | ┥.       |          | 53        | $^{+}$  | +       | $\vdash$ | _        | +       | +        | _        |          | 103        | $\dashv$      | +       | +       | Н        | $^{+}$        | +       | Н            |
|       | 4        | Ξ        | $\vdash$      | $^{+}$  | +            | +       | -        | $\vdash$ | _        |          | 54        | $^{+}$  | +       | $\vdash$ | _        | $\pm$   | $^{+}$   | _        |          | 104        | _             | +       | +       | Н        | _             | +       | Н            |
|       | 5        | =        | $\vdash$      | $^{+}$  | $^{+}$       | $^{+}$  | t        | Н        | _        |          | 55        | $^{+}$  | +       | Н        | _        | $^{+}$  | Н        | _        | $\vdash$ | 105        | _             | $\pm$   | +       | Н        | $^{+}$        | +       | Н            |
|       | 6        | Ξ        | $\top$        | $^{+}$  | $^{+}$       | $^{+}$  | T        | П        | _        |          | 56        | T       | $\top$  | П        | _        | $^{+}$  | т        | _        |          | 106        | $\neg$        | $\top$  | $\top$  | П        | $\top$        | $\top$  | П            |
|       | 7        | =        | $\Box$        | $\top$  | $\top$       | T       |          | П        | ┪.       |          | 57        | $\neg$  | $\top$  | П        | ╅        | $\neg$  | П        | _        |          | 107        | ┪             | $\top$  | т       | П        | $\neg$        | $\top$  | П            |
|       | 8        | =        | П             | Т       | т            | Т       | Т        | П        | 7        |          | 58        | T       | $\top$  | П        | T        | т       | П        | _        |          | 108        | T             | $\top$  | т       | П        |               | $\top$  | П            |
|       | 9        | =        |               |         | Т            | Т       | П        | П        |          |          | 59        |         | Т       | П        |          |         | П        |          |          | 109        | T             |         |         | П        |               |         |              |
|       | 10       | =        |               | Т       | Т            | Т       | Г        | П        |          |          | 60        | T       | Т       | П        | T        | T       | П        |          |          | 110        | T             |         | П       | П        |               |         | П            |
|       | 11       | =        |               |         |              |         |          | Ш        |          |          | 61        |         |         | Ш        |          |         | Ш        |          |          | 111        |               |         |         |          |               |         | ш            |
|       | 12       | =        |               |         |              | $\perp$ |          | Ш        | _        |          | 62        | $\perp$ | $\perp$ | Ш        | _        | $\perp$ | ш        | _        |          | 112        | _             |         |         | Ш        | $\perp$       |         | Ш            |
|       | 13       | =        |               | $\perp$ | $\perp$      | ┸       |          | ш        |          |          | 63        |         | $\perp$ | Ш        | _        | $\perp$ | ш        | _        |          | 113        | _             |         | $\perp$ | Ш        |               |         | Ш            |
|       | 14       | =        |               | $\perp$ | $\perp$      | ┸       |          | ш        |          |          | 64        | _       | $\perp$ | Ш        | _        | $\perp$ | ш        | _        |          | 114        | _             | $\perp$ | $\perp$ | Ш        | $\perp$       |         | ш            |
|       | 15       | =        | ш             | $\perp$ | +            | ┸       | ┺        | ш        | 4        |          | 65        | _       | _       | ш        | _        | _       | ш        | _        |          | 115        | _             | $\perp$ | $\perp$ | Ш        | _             | _       | ш            |
|       | 16       | =        | $\perp$       | +       | +            | ╀       | _        | ш        | _        | $\perp$  | 66        | _       | _       | ш        | _        | _       | ш        | _        |          | 116        | _             | _       | $\perp$ | ш        | _             | _       | ш            |
|       | 17       | Ξ        | $\vdash$      | +       | +            | ╄       | ╄        | ш        | 4        |          | 67        | 4       | _       | $\vdash$ | _        | 4       | $\perp$  | _        | $\vdash$ | 117        | 4             | +       | $\perp$ | Ш        | 4             | +       | ш            |
|       | 18       | =        | $\perp$       | +       | +            | ╀-      | -        | ш        | 4        |          | 68        | _       | +       | ш        | _        | -       | +        | _        | $\vdash$ | 118        | _             | _       | $\perp$ | ш        | _             | _       | ш            |
| _     | 19       | =        | $\vdash$      | +       | +            | ╀       | ⊢        | ₩        | 4        | $\vdash$ | 69        | +       | +       | $\vdash$ | -        | +       | ₩        |          | $\vdash$ | 119        | -             | +       | +       | Н        | +             | +       | н            |
| _     | 20       | =        | $\vdash$      | +       | +            | ╀       | -        | $\vdash$ | 4        | $\vdash$ | 70        | +       | +       | $\vdash$ | -        | +       | +        | -        | $\vdash$ | 120        | -             | +       | +       | Н        | -             | +       | н            |
| _     | 21       | =        | $\vdash$      | +       | +            | ₩       | ⊢        | Н        | 4        | -        | 71        | +       | +       | $\vdash$ | -        | +       | +        | -        | $\vdash$ | 121        | +             | -       | +       | Н        | -             | +       | н            |
| _     | 22       |          | $\vdash$      | +       | +            | +       | $\vdash$ | ₩        | -        | -        | 72        | +       | +       | $\vdash$ | -        | +       | +        | -        | $\vdash$ | 122        | -             | +       | +       | Н        | $\rightarrow$ | +       | Н            |
|       | 23<br>24 | =        | $\vdash$      | +       | +            | +       | -        | Н        | -        | $\vdash$ | 73<br>74  | +       | +       | $\vdash$ | +        | +       | +        | -        | $\vdash$ | 123<br>124 | -             | +       | +       | Н        | $\rightarrow$ | +       | Н            |
| _     | 25       | $\vdash$ | +             | +       | +            | +       | +        | $\vdash$ | -        | -        | 75        | +       | +       | $\vdash$ | +        | +       | +        | -        | $\vdash$ | 124        | +             | +       | +       | Н        | +             | +       | Н            |
| _     | 26       | $\vdash$ | $\vdash$      | +       | +            | +       | +        | ₩        | -        | $\vdash$ | 76        | +       | +       | $\vdash$ | $\dashv$ | +       | +        | $\dashv$ | $\vdash$ | 126        | +             | +       | +       | Н        | +             | +       | Н            |
| _     | 27       | Н        | +             | +       | +            | +       | +        | Н        |          | $\vdash$ | 77        | +       | +       | Н        | $\dashv$ | +       | +        | -        | $\vdash$ | 127        | +             | +       | +       | Н        | +             | +       | Н            |
|       | 28       | $\vdash$ | $\vdash$      | +       | +            | +       | +        | H        | -        | $\vdash$ | 78        | +       | +       | Н        | $\dashv$ | +       | +        | -        | $\vdash$ | 128        | +             | +       | +       | Н        | +             | +       | Н            |
|       | 29       |          | +             | +       | +            | +       | +        | H        | -        | $\vdash$ | 79        | +       | +       | Н        | +        | +       | Н        | $\dashv$ |          | 129        | $^+$          | +       | +       | Н        | +             | +       | Н            |
|       | 30       | $\vdash$ | $\vdash$      | +       | +            | +       | +        | Н        | $\dashv$ | $\vdash$ | 80        | +       | +       | Н        | $\dashv$ | +       | Н        | $\dashv$ | $\vdash$ | 130        | $^{+}$        | +       | +       | Н        | +             | +       | Н            |
|       | 31       |          | $\vdash$      | +       | +            | +       | H        | Н        | ┥.       | $\vdash$ | 81        | $^{+}$  | +       | Н        | _        | +       | Н        | _        |          | 131        | _             | $^{-}$  | +       | Н        | $\dashv$      | +       | Н            |
|       | 32       |          |               | $^{+}$  | +            | +       | t        | H        | _        |          | 82        | $\neg$  | $\top$  | Н        | 7        | $\top$  | Н        | _        |          | 132        | _             | $\top$  | $\top$  | Н        | $\dashv$      | +       | Н            |
|       | 33       |          |               | $^{+}$  | $^{\dagger}$ | t       | t        | Ħ        | _        |          | 83        | $^{+}$  | $\top$  | Н        | _        | $^{+}$  | Н        | _        |          | 133        | _             | $\top$  |         | П        | $^{+}$        |         | Н            |
|       | 34       |          | $\top$        | $\top$  | т            | $\top$  | Т        | П        | _        |          | 84        | $\top$  |         | П        | _        | $\top$  | П        | _        |          | 134        | T             |         |         | П        |               | $\top$  | П            |
|       | 35       | Г        | П             | Т       | Т            | Т       | Т        | П        | _        |          | 85        | $\neg$  | 1       | П        | T        | т       | П        | _        |          | 135        | T             | $\top$  | Т       | П        |               | $\top$  | П            |
|       | 36       |          |               |         |              | Г       | Г        |          |          |          | 86        |         |         | П        |          | Т       | П        |          |          | 136        |               | $\top$  |         |          | $\Box$        |         | П            |
|       | 37       |          |               | П       | П            | П       |          |          |          |          | 87        |         |         | П        | $\Box$   | Т       |          |          |          | 137        | $\Box$        |         |         |          |               |         |              |
|       | 38       | 1        |               |         |              |         |          |          |          |          | 88        |         |         |          |          |         |          |          |          | 138        |               |         |         | -        |               |         |              |
|       | 39       |          |               |         |              |         |          |          | _        |          | 89        |         |         | Ш        |          |         |          |          |          | 139        |               |         |         |          |               |         |              |
|       | 40       |          | $\perp$       | $\perp$ | $\perp$      | ┸       | L        | ш        | _        |          | 90        | _       |         | Ш        | _        | $\perp$ | ш        | _        |          | 140        | _             | $\perp$ | $\perp$ | Ш        | $\perp$       | $\perp$ | ш            |
|       | 41       | L        | $\perp$       | 1       | 1            | 1       | 1        | $\sqcup$ | _        |          | 91        | 4       |         | $\sqcup$ | _        | 1       | $\perp$  | _        |          | 141        | 4             |         |         | Ш        | 4             |         | $\perp$      |
|       | 42       | _        | $\perp \perp$ | $\perp$ | 1            | 1       | 1        | Ш        | _        | _        | 92        | 4       |         | $\sqcup$ | 4        | $\perp$ | $\perp$  | _        |          | 142        | _             | $\perp$ | $\perp$ |          | 4             | $\perp$ | $\perp$      |
|       | 43       | ╙        | $\sqcup$      | +       | +            | ┺       | ـــ      | ш        | -1       |          | 93        | 4       | $\perp$ | $\sqcup$ | _        | 4       | $\perp$  | _        |          | 143        | 4             | 4       | $\perp$ | Ш        | 4             | _       | <del> </del> |
|       | 44       | $\vdash$ | $\vdash$      | +       | +            | 1       | ₩        | ш        | _        |          | 94        | 4       | $\perp$ | ш        | 4        | 4       | $\perp$  | _        | <u></u>  | 144        | 4             | $\perp$ | $\perp$ | Ш        | 4             | _       | ⊢            |
| _     | 45       | ⊢        | $\vdash$      | +       | +            | +       | $\vdash$ | $\sqcup$ | -1       |          | 95        | +       | +       | $\sqcup$ | _        | +       | $\vdash$ | -1       | _        | 145        | $\rightarrow$ | +       | +       | Н        | 4             | +       | $\vdash$     |
| _     | 46       | $\vdash$ | $\vdash$      | +       | +            | +       | $\vdash$ | $\vdash$ | -        |          | 96        | +       | +       | $\vdash$ | -        | +       | +        | -        | 1        | 146        | $\rightarrow$ | +       | $\perp$ | $\vdash$ | +             | +       | $\vdash$     |
| _     | 47       | $\vdash$ | $\vdash$      | +       | +            | ₽       | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$ | 97        | +       | +       | $\vdash$ | -        | +       | +        | _        | $\vdash$ | 147        | +             | +       | +       | $\vdash$ | -             | +       | Н            |
|       | 40       | $\vdash$ | $\vdash$      | +       | +            | +       | $\vdash$ | $\vdash$ | -        | $\vdash$ | 98        | +       | +       | ₩        | -        | +       | +        | -        | $\vdash$ | 140        | +             | +       | +       | $\vdash$ | +             | +       | н            |
|       | 49<br>50 | $\vdash$ | +             | +       | +            | +       | +        | $\vdash$ | $\dashv$ | $\vdash$ | 99<br>100 | +       | +       | $\vdash$ | -        | +       | +        | $\dashv$ | $\vdash$ | 149<br>150 | +             | +       | +       | $\vdash$ | +             | +       | $\vdash$     |